
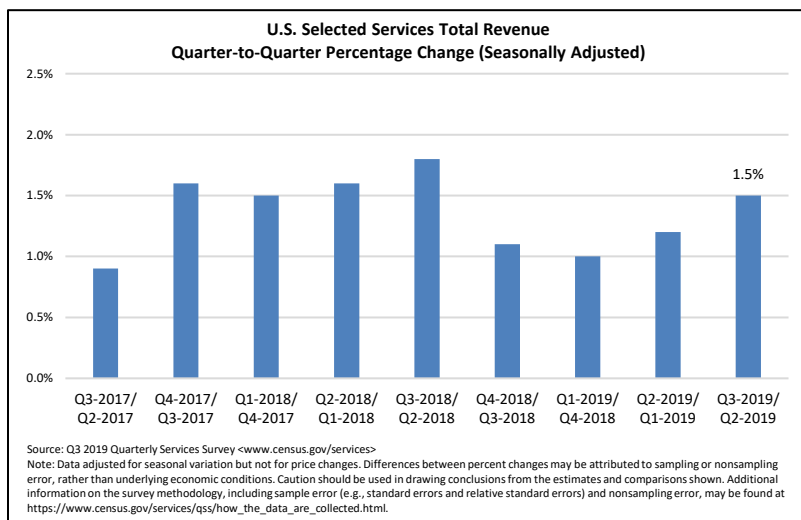


## QUARTERLY SELECTED SERVICES ESTIMATES, THIRD QUARTER 2019

Release Number: CB19-188

**December 11, 2019** — The U.S. Census Bureau announced the following selected services estimates for the third calendar quarter of 2019:

 <b>SELECTED SERVICES TOTAL REVENUE</b>		
<b>3Q 2019</b>	<b>\$4,105.2 billion</b>	<b>+1.5 %</b>
<b>2Q 2019 (revised)</b>	<b>\$4,044.8 billion</b>	<b>+1.2 %</b>
<b>Next release: February 19, 2020</b>		
Data are adjusted for seasonal variation but not for price changes. Source: U.S. Census Bureau, Quarterly Services Survey, December 11, 2019		



### Selected Services Total

U.S. selected services total revenue for the third quarter of 2019, adjusted for seasonal variation but not for price changes, was \$4,105.2 billion, an increase of 1.5 percent ( $\pm 0.2$  percent) from the second quarter of 2019 and up 4.9 percent ( $\pm 0.6$  percent) from the third quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the advance estimate of 1.4 percent ( $\pm 0.2$  percent).

### Utilities

U.S. utilities revenue for the third quarter of 2019, adjusted for seasonal variation but not for price changes, was \$148.7 billion, an increase of 1.2 percent ( $\pm 2.3$  percent)\* from the second quarter of 2019 and down 0.5 percent ( $\pm 0.9$  percent)\* from the third quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was not revised from the -1.5 percent ( $\pm 1.5$  percent)\*.

### Transportation and warehousing

U.S. transportation and warehousing revenue for the third quarter of 2019, adjusted for seasonal variation but not for price changes, was \$249.4 billion, a decrease of 0.1 percent ( $\pm 0.6$  percent)\* from the second quarter of 2019 and up 1.2 percent ( $\pm 0.9$  percent) from the third quarter of 2018. The first quarter of 2019

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to second quarter of 2019 percentage change was not revised from the 0.3 percent ( $\pm 0.6$  percent)\*.

### **Information**

U.S. information sector revenue for the third quarter of 2019, adjusted for seasonal variation but not for price changes, was \$440.5 billion, an increase of 1.6 percent ( $\pm 0.6$  percent) from the second quarter of 2019 and up 5.8 percent ( $\pm 1.3$  percent) from the third quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was not revised from the 1.8 percent ( $\pm 0.4$  percent).

### **Professional, scientific, and technical services**

U.S. professional, scientific, and technical services revenue for the third quarter of 2019, adjusted for seasonal variation but not for price changes, was \$519.8 billion, an increase of 2.6 percent ( $\pm 0.9$  percent) from the second quarter of 2019 and up 6.0 percent ( $\pm 1.1$  percent) from the third quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was revised from 1.8 percent ( $\pm 1.3$  percent) to 1.9 percent ( $\pm 1.3$  percent).

### **Administrative and support and waste management and remediation services**

U.S. administrative and support and waste management and remediation services revenue for the third quarter of 2019, adjusted for seasonal variation but not for price changes, was \$255.9 billion, an increase of 0.7 percent ( $\pm 0.9$  percent)\* from the second quarter of 2019 and up 1.2 percent ( $\pm 2.1$  percent)\* from the third quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was revised from 0.3 percent ( $\pm 2.3$  percent)\* to -0.1 percent ( $\pm 2.5$  percent)\*.

### **Finance and insurance**

U.S. finance and insurance revenue for the third quarter of 2019, not adjusted for seasonal variation, or price changes, was \$1,299.1 billion, an increase of 1.6 percent ( $\pm 0.4$  percent) from the second quarter of 2019 and up 6.6 percent ( $\pm 1.5$  percent) from the third quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the advance estimate of 1.5 percent ( $\pm 0.4$  percent).

### **Real estate and rental and leasing**

U.S. real estate and rental and leasing revenue for the third quarter of 2019, not adjusted for seasonal variation, or price changes, was \$194.7 billion, an increase of 3.8 percent ( $\pm 1.1$  percent) from the second quarter of 2019 and up 6.8 percent ( $\pm 0.9$  percent) from the third quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the advance estimate of 4.0 percent ( $\pm 1.3$  percent).

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## **Educational services**

U.S. educational services revenue for the third quarter of 2019, not adjusted for seasonal variation, or price changes, was \$18.5 billion, a decrease of 2.0 percent ( $\pm 4.0$  percent)\* from the second quarter of 2019 and up 3.0 percent ( $\pm 2.8$  percent) from the third quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the advance estimate of -2.8 percent ( $\pm 4.2$  percent)\*.

## **Health care and social assistance**

U.S. health care and social assistance revenue for the third quarter of 2019, not adjusted for seasonal variation, or price changes, was \$690.5 billion, a decrease of 0.7 percent ( $\pm 0.6$  percent) from the second quarter of 2019 and up 4.4 percent ( $\pm 0.8$  percent) from the third quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the advance estimate of -0.4 percent ( $\pm 0.6$  percent)\*.

## **Arts, entertainment, and recreation**

U.S. arts, entertainment, and recreation revenue for the third quarter of 2019, not adjusted for seasonal variation, or price changes, was \$78.1 billion, an increase of 5.2 percent ( $\pm 1.9$  percent) from the second quarter of 2019 and up 4.5 percent ( $\pm 2.7$  percent) from the third quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the advance estimate of 7.3 percent ( $\pm 2.3$  percent).

## **Accommodation**

U.S. accommodation revenue for the third quarter of 2019, not adjusted for seasonal variation, or price changes, was \$67.0 billion, an increase of 2.9 percent ( $\pm 1.9$  percent) from the second quarter of 2019 and up 4.4 percent ( $\pm 2.1$  percent) from the third quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the advance estimate of 3.1 percent ( $\pm 1.9$  percent).

## **Other services (except public administration)**

U.S. other services (except public administration) revenue for the third quarter of 2019, not adjusted for seasonal variation, or price changes, was \$144.1 billion, a decrease of 0.3 percent ( $\pm 3.4$  percent)\* from the second quarter of 2019 and up 3.6 percent ( $\pm 3.4$  percent) from the third quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the advance estimate of -0.9 percent ( $\pm 3.4$  percent)\*.

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## GENERAL INFORMATION

### Intention to Expand Seasonal Adjustment

Beginning with the March 2020 release for the fourth quarter of 2019, we anticipate the introduction of new seasonally adjusted estimates of revenue for NAICS industry group 5111, subsector 561, and selected industries within NAICS sectors 52, 53, 62, 71 into the Full Quarterly Services Report. For more information, please visit our seasonal adjustment FAQs

<[https://www.census.gov/services/qss/seasonally\\_adjusted\\_faqs.html](https://www.census.gov/services/qss/seasonally_adjusted_faqs.html)> and our proposed table 1a shell <[https://www.census.gov/services/qss/table\\_1a\\_shell\\_2020.xls](https://www.census.gov/services/qss/table_1a_shell_2020.xls)>.

### Publication of Taxable and Tax-exempt Breakouts

Beginning with the March 2020 release for the fourth quarter of 2019, selected tables will include breakouts of taxable vs. tax-exempt revenue for applicable industries. For more information, and to see examples, please view the proposed table 1b and table 2 shells

<[https://www.census.gov/services/qss/table\\_1b\\_2\\_shell\\_2020.xls](https://www.census.gov/services/qss/table_1b_2_shell_2020.xls)>.

### Upcoming Benchmarking

Effective with the February 2020 advance release for the fourth quarter of 2019, not seasonally adjusted quarterly services estimates will be revised to reflect historical corrections and results of the 2018 Service Annual Survey. In addition, the seasonally adjusted Selected Services Total will be revised to reflect historical corrections, new seasonal factors, and results of the 2018 Service Annual Survey.

### Release Schedule

The fourth quarter 2019 Advance Quarterly Services Report is scheduled for release on February 19, 2020. View the full schedule in the Economic Briefing Room: <[www.census.gov/economic-indicators/](http://www.census.gov/economic-indicators/)>.

Additional industry detail and estimates of revenue, expenses, inpatient days, and discharges can be found at <[www.census.gov/services/](http://www.census.gov/services/)>.

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## RESOURCES

### API

The Census Bureau's application programming interface lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

<[www.census.gov/developers/](http://www.census.gov/developers/)>

### FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <<https://fred.stlouisfed.org/fred-mobile/>> for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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\*The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

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Table 1a. Selected Services - Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted<sup>1</sup>

[Estimates are adjusted for seasonal variation but not for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>2</sup>	Kind of business	Total revenue (millions of dollars)						Percent change					
		3Q 2019 (p)	2Q 2019 (r)	1Q 2019 (r)	4Q 2018 (r)	3Q 2018 (r)	2Q 2018 (r)	3Q 2019 from 2Q 2019 (p)	2Q 2019 from 1Q 2019 (r)	1Q 2019 from 4Q 2018 (r)	4Q 2018 from 3Q 2018 (r)	3Q 2019 from 3Q 2018 (p)	2Q 2019 from 2Q 2018 (r)
	<b>Selected Services Total<sup>3</sup></b> .....	<b>4,105,201</b>	<b>4,044,773</b>	<b>3,996,561</b>	<b>3,955,947</b>	<b>3,914,626</b>	<b>3,844,691</b>	<b>1.5</b>	<b>1.2</b>	<b>1.0</b>	<b>1.1</b>	<b>4.9</b>	<b>5.2</b>
22	<b>Utilities<sup>4, 5</sup></b> .....	<b>148,654</b>	<b>146,863</b>	<b>149,025</b>	<b>151,253</b>	<b>149,393</b>	<b>149,543</b>	<b>1.2</b>	<b>-1.5</b>	<b>-1.5</b>	<b>1.2</b>	<b>-0.5</b>	<b>-1.8</b>
2211	Electric power generation, transmission and distribution.....	118,873	117,349	118,517	118,996	119,288	119,468	1.3	-1.0	-0.4	-0.2	-0.3	-1.8
2212	Natural gas distribution.....	26,025	25,792	26,839	28,621	26,289	26,371	0.9	-3.9	-6.2	8.9	-1.0	-2.2
2213	Water, sewage and other systems.....	3,756	3,722	3,669	3,636	3,816	3,704	0.9	1.4	0.9	-4.7	-1.6	0.5
48-49	<b>Transportation and warehousing<sup>6</sup></b> .....	<b>249,397</b>	<b>249,525</b>	<b>248,770</b>	<b>251,865</b>	<b>246,554</b>	<b>244,360</b>	<b>-0.1</b>	<b>0.3</b>	<b>-1.2</b>	<b>2.2</b>	<b>1.2</b>	<b>2.1</b>
481	Air Transportation.....	57,705	57,526	57,002	57,107	55,999	55,367	0.3	0.9	-0.2	2.0	3.0	3.9
484	Truck Transportation <sup>5</sup> .....	72,425	72,449	72,810	74,758	74,466	74,075	Z	-0.5	-2.6	0.4	-2.7	-2.2
4841	General freight trucking.....	49,152	48,945	49,212	50,708	50,311	49,705	0.4	-0.5	-3.0	0.8	-2.3	-1.5
4842	Specialized freight trucking.....	23,273	23,504	23,598	24,050	24,155	S	-1.0	-0.4	-1.9	-0.4	-3.7	S
485	Transit and ground passenger transportation.....	10,039	9,989	10,024	9,860	9,873	9,618	0.5	-0.3	1.7	-0.1	1.7	3.9
487	Scenic and sightseeing transportation.....	949	931	940	871	857	835	1.9	-1.0	7.9	1.6	10.7	11.5
492	Couriers and messengers.....	26,056	25,476	24,788	24,894	24,207	23,880	2.3	2.8	-0.4	2.8	7.6	6.7
51	<b>Information<sup>7</sup></b> .....	<b>440,546</b>	<b>433,474</b>	<b>425,653</b>	<b>421,540</b>	<b>416,230</b>	<b>408,804</b>	<b>1.6</b>	<b>1.8</b>	<b>1.0</b>	<b>1.3</b>	<b>5.8</b>	<b>6.0</b>
511	Publishing industries (except Internet) <sup>5</sup> .....	95,959	93,808	93,753	89,120	88,394	87,500	2.3	0.1	5.2	0.8	8.6	7.2
51111	Newspaper publishers.....	5,899	6,014	6,130	6,096	6,195	6,194	-1.9	-1.9	0.6	-1.6	-4.8	-2.9
51112	Periodical publishers.....	6,402	6,544	6,629	6,742	6,712	6,685	-2.2	-1.3	-1.7	0.4	-4.6	-2.1
5111 pt	Book, directory and mailing list, and other publishers <sup>7</sup> .....	9,713	9,660	9,788	9,875	10,115	10,283	0.5	-1.3	-0.9	-2.4	-4.0	-6.1
5112	Software publishers.....	73,945	71,590	71,206	66,407	65,372	64,338	3.3	0.5	7.2	1.6	13.1	11.3
512	Motion picture and sound recording industries.....	27,979	28,622	27,232	27,725	28,389	28,377	-2.2	5.1	-1.8	-2.3	-1.4	0.9
515	Broadcasting (except Internet) <sup>5</sup> .....	43,640	43,676	42,851	43,499	43,334	42,240	-0.1	1.9	-1.5	0.4	0.7	3.4
5151	Radio and television broadcasting.....	21,942	22,150	21,415	21,838	21,540	20,593	-0.9	3.4	-1.9	1.4	1.9	7.6
5152	Cable and other subscription programming.....	21,698	21,526	21,436	21,661	21,794	21,647	0.8	0.4	-1.0	-0.6	-0.4	-0.6
518	Data processing, hosting, and related services.....	54,791	51,919	49,723	47,755	46,532	45,787	5.5	4.4	4.1	2.6	17.7	13.4
54	<b>Professional, scientific, and technical services<sup>8</sup></b> .....	<b>519,826</b>	<b>506,567</b>	<b>497,091</b>	<b>494,472</b>	<b>490,528</b>	<b>486,790</b>	<b>2.6</b>	<b>1.9</b>	<b>0.5</b>	<b>0.8</b>	<b>6.0</b>	<b>4.1</b>
5411	Legal services <sup>8</sup> .....	87,917	83,966	84,735	82,827	82,475	83,102	4.7	-0.9	2.3	0.4	6.6	1.0
5412	Accounting, tax preparation, bookkeeping, and payroll services.....	47,030	45,126	45,679	45,672	44,571	44,143	4.2	-1.2	Z	2.5	5.5	2.2
5413	Architectural, engineering, and related services.....	89,884	88,740	85,193	83,514	84,506	84,910	1.3	4.2	2.0	-1.2	6.4	4.5
54133	Engineering services.....	68,521	68,458	64,805	63,946	65,052	65,856	0.1	5.6	1.3	-1.7	5.3	4.0
5416	Management, scientific, and technical consulting services.....	73,398	71,400	69,083	69,129	67,874	67,372	2.8	3.4	-0.1	1.8	8.1	6.0
5417	Scientific research and development services.....	46,822	47,027	46,322	44,716	44,099	43,434	-0.4	1.5	3.6	1.4	6.2	8.3
5418	Advertising, public relations, and related services.....	26,088	26,003	25,058	26,595	26,413	26,590	0.3	3.8	-5.8	0.7	-1.2	-2.2
56	<b>Administrative and support and waste management and remediation services<sup>5</sup></b> .....	<b>255,913</b>	<b>254,123</b>	<b>254,254</b>	<b>257,000</b>	<b>252,911</b>	<b>246,347</b>	<b>0.7</b>	<b>-0.1</b>	<b>-1.1</b>	<b>1.6</b>	<b>1.2</b>	<b>3.2</b>
5613	Employment services.....	106,102	105,732	106,378	107,328	106,471	101,711	0.4	-0.6	-0.9	0.8	-0.3	4.0
5615	Travel arrangement and reservation services.....	12,337	12,394	12,422	12,148	12,649	12,494	-0.5	-0.2	2.3	-4.0	-2.5	-0.8
561 pt	Other administrative and support services <sup>9</sup> .....	110,814	109,428	109,209	S	108,310	107,343	1.3	0.2	S	S	2.3	1.9
562	Waste management and remediation services.....	26,660	26,569	26,245	26,026	25,481	24,799	0.3	1.2	0.8	2.1	4.6	7.1
622	<b>Hospitals.....</b>	<b>306,559</b>	<b>305,085</b>	<b>301,070</b>	<b>290,936</b>	<b>293,691</b>	<b>287,977</b>	<b>0.5</b>	<b>1.3</b>	<b>3.5</b>	<b>-0.9</b>	<b>4.4</b>	<b>5.9</b>

(p) Preliminary estimate. (r) Revised estimate. Z Absolute value is less than .05.

S Estimate does not meet publication standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see [www.census.gov/quality/guidelines/index.html](http://www.census.gov/quality/guidelines/index.html).

(1) The seasonal factors are based on a short time series that may not have stable seasonal patterns. As more estimates are added to the time series, large revisions in seasonal factors and consequently historical estimates may be observed. Data users should exercise caution when drawing inferences based on the seasonally adjusted estimates. Unless otherwise specified, seasonally adjusted estimates are obtained using a direct seasonal adjustment at the published NAICS (North American Industry Classification System) level.

(2) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or [www.census.gov/eos/www/naics/](http://www.census.gov/eos/www/naics/).

(3) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Excludes government owned utilities, NAICS 482 (Rail transportation), NAICS 491 (Postal Service), NAICS 525 (Funds, trusts, and other financial vehicles), NAICS 54112 (Offices of notaries), NAICS 6111 (Elementary and secondary schools), NAICS 6112 (Junior colleges), NAICS 6113 (Colleges, universities, and professional schools), NAICS 8131 (Religious organizations), NAICS 81393 (Labor unions and similar labor organizations), NAICS 81394 (Political organizations), and NAICS 814 (Private households).

(4) Excludes government owned utilities.

(5) Seasonally adjusted estimates for these NAICS are obtained by summing the seasonally adjusted estimates for the detailed NAICS that comprise each respective level.

(6) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(7) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(8) Excludes NAICS 54112 (Offices of notaries).

(9) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html).

Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2019 (p)	2Q 2019	1Q 2019	4Q 2018	3Q 2018	2Q 2018	3Q 2019 from 2Q 2019 (p)	2Q 2019 from 1Q 2019	3Q 2019 from 3Q 2018 (p)	2Q 2019 from 2Q 2018	2019 (p)	2018	2019 from 2018 (p)
	<b>Selected Services Total <sup>2</sup></b> .....	<b>4,113,411</b>	<b>4,048,818</b>	<b>3,936,613</b>	<b>4,007,374</b>	<b>3,922,455</b>	<b>3,848,536</b>	<b>1.6</b>	<b>2.9</b>	<b>4.9</b>	<b>5.2</b>	<b>12,098,842</b>	<b>11,497,750</b>	<b>5.2</b>
<b>22</b>	<b>Utilities <sup>3</sup></b> .....	<b>158,244</b>	<b>135,670</b>	<b>155,477</b>	<b>147,047</b>	<b>159,093</b>	<b>138,056</b>	<b>16.6</b>	<b>-12.7</b>	<b>-0.5</b>	<b>-1.7</b>	<b>449,391</b>	<b>450,503</b>	<b>-0.2</b>
2211	Electric power generation, transmission and distribution.....	136,466	112,303	113,302	111,618	137,062	114,211	21.5	-0.9	-0.4	-1.7	362,071	363,076	-0.3
2212	Natural gas distribution.....	17,515	19,705	38,836	31,884	17,719	20,200	-11.1	-49.3	-1.2	-2.5	76,056	76,110	-0.1
2213	Water, sewage and other systems.....	4,263	3,662	3,339	3,545	4,312	3,645	16.4	9.7	-1.1	0.5	11,264	11,317	-0.5
<b>48-49</b>	<b>Transportation and warehousing <sup>4</sup></b> .....	<b>254,634</b>	<b>254,266</b>	<b>237,327</b>	<b>253,124</b>	<b>252,225</b>	<b>249,003</b>	<b>0.1</b>	<b>7.1</b>	<b>1.0</b>	<b>2.1</b>	<b>746,227</b>	<b>729,703</b>	<b>2.3</b>
481	Air transportation .....	60,071	60,460	52,670	56,136	58,407	58,080	-0.6	14.8	2.8	4.1	173,201	167,199	3.6
483	Water transportation .....	13,198	11,794	10,716	11,323	13,006	11,010	11.9	10.1	1.5	7.1	35,708	33,845	5.5
4831	Deep sea, coastal, and Great Lakes water transportation.....	11,035	9,745	8,829	9,196	10,889	8,981	13.2	10.4	1.3	8.5	29,609	27,978	5.8
4832	Inland water transportation.....	2,163	2,049	1,887	2,127	2,117	2,029	5.6	8.6	2.2	1.0	6,099	5,867	4.0
484	Truck transportation .....	74,813	74,098	68,757	74,728	77,050	75,623	1.0	7.8	-2.9	-2.0	217,668	220,725	-1.4
4841	General freight trucking .....	50,283	49,630	47,047	51,063	51,518	50,351	1.3	5.5	-2.4	-1.4	146,960	147,973	-0.7
48412	General freight trucking, long-distance .....	42,689	42,210	40,003	43,432	43,623	42,234	1.1	5.5	-2.1	-0.1	124,902	124,811	0.1
4842	Specialized freight trucking .....	24,530	24,468	21,710	23,665	25,532	\$	0.3	12.7	-3.9	\$	70,708	\$	\$
485	Transit and ground passenger transportation .....	9,156	10,478	10,054	10,225	8,975	10,118	-12.6	4.2	2.0	3.6	29,688	28,594	3.8
486	Pipeline transportation .....	13,053	12,425	13,356	13,779	12,594	11,956	5.1	-7.0	3.6	3.9	38,834	37,162	4.5
487	Scenic and sightseeing transportation .....	1,487	1,018	550	661	1,335	918	46.1	85.1	11.4	10.9	3,055	2,738	11.6
488	Support activities for transportation .....	47,998	49,215	47,656	49,834	48,162	48,809	-2.5	3.3	-0.3	0.8	144,869	142,655	1.6
492	Couriers and messengers .....	25,274	25,119	24,243	26,512	23,481	23,546	0.6	3.6	7.6	6.7	74,636	70,093	6.5
493	Warehousing and storage .....	9,584	9,659	9,325	9,926	9,215	8,943	-0.8	3.6	4.0	8.0	28,568	26,692	7.0
<b>51</b>	<b>Information</b> .....	<b>433,938</b>	<b>429,573</b>	<b>417,140</b>	<b>440,088</b>	<b>409,987</b>	<b>405,125</b>	<b>1.0</b>	<b>3.0</b>	<b>5.8</b>	<b>6.0</b>	<b>1,280,651</b>	<b>1,205,958</b>	<b>6.2</b>
511	Publishing industries (except Internet) .....	93,237	93,119	90,384	95,375	86,034	86,869	0.1	3.0	8.4	7.2	276,740	254,790	8.6
51111	Newspaper publishers .....	5,728	5,978	5,836	6,596	6,022	6,157	-4.2	2.4	-4.9	-2.9	17,542	18,140	-3.3
51112	Periodical publishers .....	6,376	6,603	6,211	7,120	6,692	6,765	-3.4	6.3	-4.7	-2.4	19,190	20,016	-4.1
5111 pt	Book, directory and mailing list, and other publishers <sup>5</sup> .....	10,811	9,592	8,555	10,072	11,217	10,252	12.7	12.1	-3.6	-6.4	28,958	30,280	-4.4
5112	Software publishers .....	70,322	70,946	69,782	71,587	62,103	63,695	-0.9	1.7	13.2	11.4	211,050	186,354	13.3
512	Motion picture and sound recording industries .....	26,832	28,708	26,960	29,111	27,225	28,320	-6.5	6.5	-1.4	1.4	82,500	82,297	0.2
515	Broadcasting (except Internet) .....	42,045	42,945	41,994	46,659	41,755	41,582	-2.1	2.3	0.7	3.3	126,984	124,728	1.8
5151	Radio and television broadcasting .....	20,889	21,419	20,794	24,240	20,506	19,913	-2.5	3.0	1.9	7.6	63,102	60,450	4.4
5152	Cable and other subscription programming .....	21,156	21,526	21,200	22,419	21,249	21,669	-1.7	1.5	-0.4	-0.7	63,882	64,278	-0.6
517	Telecommunications .....	158,258	157,077	156,106	161,043	157,664	154,001	0.8	0.6	0.4	2.0	471,441	464,207	1.6
5171	Wired telecommunications carriers .....	77,948	78,158	77,504	79,005	78,127	77,446	-0.3	0.8	-0.2	0.9	233,610	232,712	0.4
5172	Wireless telecommunications carriers (except satellite) .....	67,277	66,109	66,215	69,563	67,127	64,740	1.8	-0.2	0.2	2.1	199,601	195,679	2.0
517 pt	Other telecommunications <sup>6</sup> .....	13,033	12,810	12,387	12,475	12,410	11,815	1.7	3.4	5.0	8.4	38,230	35,816	6.7
518	Data processing, hosting, and related services .....	54,681	51,607	48,828	49,044	46,392	45,466	6.0	5.7	17.9	13.5	155,116	134,251	15.5
519	Other information services.....	58,885	56,117	52,868	58,856	50,917	48,887	4.9	6.1	15.6	14.8	167,870	145,685	15.2
<b>52</b>	<b>Finance and insurance <sup>7</sup></b> .....	<b>1,299,107</b>	<b>1,278,449</b>	<b>1,258,883</b>	<b>1,243,557</b>	<b>1,218,868</b>	<b>1,196,631</b>	<b>1.6</b>	<b>1.6</b>	<b>6.6</b>	<b>6.8</b>	<b>3,836,439</b>	<b>3,594,331</b>	<b>6.7</b>
52 pt	Finance and insurance (except monetary authorities-central bank) <sup>8</sup> .....	1,274,531	1,252,734	1,231,010	1,215,814	1,191,029	1,168,446	1.7	1.8	7.0	7.2	3,758,275	3,508,955	7.1
521	Monetary authorities-central bank.....	24,576	25,715	27,873	27,743	27,839	28,185	-4.4	-7.7	-11.7	-8.8	78,164	85,376	-8.4
522	Credit intermediation and related activities.....	361,193	358,946	354,012	351,590	343,718	336,240	0.6	1.4	5.1	6.8	1,074,151	1,003,289	7.1
5221	Depository credit intermediation.....	166,619	164,020	161,668	160,625	158,360	154,131	1.6	1.5	5.2	6.4	492,307	459,579	7.1
5222	Nondepository credit intermediation.....	166,649	167,968	166,041	164,084	158,585	155,998	-0.8	1.2	5.1	7.7	500,658	466,055	7.4
5223	Activities related to credit intermediation.....	27,925	26,958	26,303	26,881	26,773	26,111	3.6	2.5	4.3	3.2	81,186	77,655	4.5
523	Securities, commodity contracts, and other financial investments and related activities .....	180,161	174,593	172,496	171,778	169,922	169,499	3.2	1.2	6.0	3.0	527,250	511,871	3.0
5231	Securities and commodity contracts intermediation and brokerage .....	81,969	79,711	79,956	73,887	76,102	76,641	2.8	-0.3	7.7	4.0	241,636	232,063	4.1
5232	Securities and commodity exchanges .....	3,373	3,305	3,147	3,436	2,700	2,946	2.1	5.0	24.9	12.2	9,825	8,823	11.4
5239	Other financial investment activities .....	94,819	91,577	89,393	94,455	91,120	89,912	3.5	2.4	4.1	1.9	275,789	270,985	1.8
524	Insurance carriers and related activities .....	733,177	719,195	704,502	692,446	677,389	662,707	1.9	2.1	8.2	8.5	2,156,874	1,993,795	8.2
5241	Insurance carriers .....	630,585	621,012	606,158	594,549	581,417	567,535	1.5	2.5	8.5	9.4	1,857,755	1,708,312	8.7
5242	Agencies, brokerages, and other insurance related activities .....	102,592	98,183	98,344	97,897	95,972	95,172	4.5	-0.2	6.9	3.2	299,119	285,483	4.8
<b>53</b>	<b>Real estate and rental and leasing</b> .....	<b>194,742</b>	<b>187,554</b>	<b>169,489</b>	<b>184,435</b>	<b>182,400</b>	<b>174,981</b>	<b>3.8</b>	<b>10.7</b>	<b>6.8</b>	<b>7.2</b>	<b>551,785</b>	<b>518,158</b>	<b>6.5</b>
531	Real estate .....	135,731	129,561	116,999	126,667	125,661	120,522	4.8	10.7	8.0	7.5	382,291	356,198	7.3
5311	Lessors of real estate.....	73,716	71,454	69,583	71,809	70,652	66,778	3.2	2.7	4.3	7.0	214,753	202,567	6.0
5312	Offices of real estate agents and brokers.....	32,093	30,297	22,739	28,562	28,866	29,208	5.9	33.2	11.2	3.7	85,129	80,243	6.1
5313	Activities related to real estate.....	29,922	27,810	24,677	\$	\$	24,536	7.6	12.7	\$	13.3	82,409	\$	\$
532	Rental and leasing services .....	46,294	44,928	41,463	45,089	45,266	42,297	3.0	8.4	2.3	6.2	132,685	127,484	4.1
5321	Automotive equipment rental and leasing .....	18,175	16,968	15,367	16,676	17,527	15,808	7.1	10.4	3.7	7.3	50,510	47,980	5.3
53211	Passenger car rental and leasing.....	12,382	11,333	10,302	11,117	11,928	10,594	9.3	10.0	3.8	7.0	34,017	32,449	4.8
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing .....	5,793	5,635	5,065	5,559	5,599	5,214	2.8	11.3	3.5	8.1	16,493	15,531	6.2
5322	Consumer goods rental .....	5,969	6,005	5,530	5,652	5,753	5,748	-0.6	8.6	3.8	4.5	17,504	16,899	3.6
5323	General rental centers.....	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
5324	Commercial and industrial machinery and equipment rental and leasing .....	21,328	21,133	19,958	21,959	21,133	19,908	0.9	5.9	0.9	6.2	62,419	60,317	3.5
533	Lessors of nonfinancial intangible assets (except copyrighted works) .....	12,717	13,065	11,027	12,679	11,473	12,162	-2.7	18.5	10.8	7.4	36,809	34,476	6.8



Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2019 (p)	2Q 2019	1Q 2019	4Q 2018	3Q 2018	2Q 2018	3Q 2019 from 2Q 2019 (p)	2Q 2019 from 1Q 2019	3Q 2019 from 3Q 2018 (p)	2Q 2019 from 2Q 2018	2019 (p)	2018	2019 from 2018 (p)
54	Professional, scientific, and technical services <sup>9</sup> .....	516,187	510,620	486,652	504,361	487,094	490,684	1.1	4.9	6.0	4.1	1,513,459	1,445,330	4.7
5411	Legal services <sup>9</sup> .....	88,005	82,707	75,499	92,932	82,557	81,939	6.4	9.5	6.6	0.9	246,211	234,865	4.8
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	41,998	47,157	54,404	39,735	39,757	46,350	-10.9	-13.3	5.6	1.7	143,559	138,841	3.4
5413	Architectural, engineering, and related services .....	91,951	89,361	82,808	83,430	86,365	85,419	2.9	7.9	6.5	4.6	264,120	256,357	3.0
5413 pt	Architectural and related services <sup>10</sup> .....	22,128	20,287	19,818	19,484	20,077	19,036	9.1	2.4	10.2	6.6	62,233	57,787	7.7
54133	Engineering services .....	69,823	69,074	62,990	63,946	66,288	66,383	1.1	9.7	5.3	4.1	201,887	198,570	1.7
5414	Specialized design services.....	6,212	6,165	5,270	5,912	5,922	S	0.8	17.0	4.9	S	17,647	S	S
5415	Computer systems design and related services .....	117,087	115,852	110,334	114,630	110,624	107,836	1.1	5.0	5.8	7.4	343,273	320,784	7.0
5416	Management, scientific, and technical consulting services .....	74,646	71,257	66,665	70,581	68,824	67,305	4.8	6.9	8.5	5.9	212,568	201,434	5.5
5417	Scientific research and development services .....	46,260	47,732	44,608	46,236	43,658	43,999	-3.1	7.0	6.0	8.5	138,600	127,667	8.6
5418	Advertising, public relations, and related services .....	25,775	26,107	24,056	27,845	26,149	26,670	-1.3	8.5	-1.4	-2.1	75,938	77,486	-2.0
5419	Other professional, scientific, and technical services.....	S	24,282	23,008	S	S	24,971	S	5.5	S	-2.8	S	S	S
56	Administrative and support and waste management and remediation services .....	258,398	254,589	247,469	260,866	255,436	246,950	1.5	2.9	1.2	3.1	760,456	736,110	3.3
561	Administrative and support services .....	231,018	227,542	222,536	234,710	229,242	221,705	1.5	2.2	0.8	2.6	681,096	661,030	3.0
5613	Employment services .....	104,935	102,454	105,952	112,265	105,300	98,558	2.4	-3.3	-0.3	4.0	313,341	300,039	4.4
5615	Travel arrangement and reservation services .....	13,053	12,815	11,962	11,504	13,357	12,906	1.9	7.1	-2.3	-0.7	37,830	37,867	-0.1
561 pt	Other administrative and support services <sup>11</sup> .....	113,030	112,273	104,622	S	110,585	110,241	0.7	7.3	2.2	1.8	329,925	323,124	2.1
562	Waste management and remediation services .....	27,380	27,047	24,933	26,156	26,194	25,245	1.2	8.5	4.5	7.1	79,360	75,080	5.7
61	Educational services <sup>12</sup> .....	18,496	18,872	18,223	18,061	17,950	18,330	-2.0	3.6	3.0	3.0	55,591	53,272	4.4
6114	Business schools and computer and management training .....	3,426	3,276	3,064	3,109	3,452	3,208	4.6	6.9	-0.8	2.1	9,766	9,646	1.2
6115	Technical and trade schools .....	3,916	4,031	4,097	4,026	3,869	3,722	-2.9	-1.6	1.2	8.3	12,044	11,356	6.1
6116	Other schools and instruction.....	7,260	7,191	7,369	7,043	6,800	7,025	1.0	-2.4	6.8	2.4	21,820	20,687	5.5
6117	Educational support services .....	3,894	4,374	3,693	3,883	3,829	4,375	-11.0	18.4	1.7	Z	11,961	11,583	3.3
62	Health care and social assistance .....	690,472	695,252	678,081	677,469	661,383	661,614	-0.7	2.5	4.4	5.1	2,063,805	1,970,085	4.8
621	Ambulatory health care services .....	271,064	270,198	260,816	268,144	261,566	260,545	0.3	3.6	3.6	3.7	802,078	777,380	3.2
6211	Offices of physicians.....	133,037	131,980	126,645	133,757	129,087	127,836	0.8	4.2	3.1	3.2	391,662	381,999	2.5
6212	Offices of dentists.....	S	33,223	S	S	S	32,078	S	S	S	3.6	S	S	S
6213	Offices of other health practitioners .....	S	22,888	21,724	22,355	S	21,474	S	5.4	S	6.6	S	S	S
6214	Outpatient care centers .....	37,442	37,418	36,497	36,842	34,824	35,568	0.1	2.5	7.5	5.2	111,357	104,973	6.1
6215	Medical and diagnostic laboratories .....	12,850	13,125	12,702	12,760	12,717	12,963	-2.1	3.3	1.0	1.2	38,677	38,327	0.9
6216	Home health care services .....	21,904	21,889	21,442	21,888	21,621	21,271	0.1	2.1	1.3	2.9	65,235	63,433	2.8
6219	Other ambulatory health care services .....	10,053	9,675	9,267	9,296	9,506	9,355	3.9	4.4	5.8	3.4	28,995	27,929	3.8
622	Hospitals .....	302,267	307,526	302,575	291,227	289,286	290,281	-1.7	1.6	4.5	5.9	912,368	864,962	5.5
6221	General medical and surgical hospitals.....	281,081	286,359	281,915	271,246	269,426	270,312	-1.8	1.6	4.3	5.9	849,355	805,472	5.4
6222	Psychiatric and substance abuse hospitals.....	7,010	6,996	7,112	6,820	6,714	6,786	0.2	-1.6	4.4	3.1	21,118	20,374	3.7
6223	Specialty (except psychiatric and substance abuse) hospitals.....	14,176	14,171	13,548	13,161	13,146	13,183	Z	4.6	7.8	7.5	41,895	39,116	7.1
623	Nursing and residential care facilities .....	67,191	66,143	65,259	64,691	63,375	62,454	1.6	1.4	6.0	5.9	198,593	186,264	6.6
624	Social assistance .....	49,950	51,385	49,431	53,407	47,156	48,334	-2.8	4.0	5.9	6.3	150,766	141,479	6.6
6241	Individual and family services.....	26,382	27,083	26,106	28,051	25,443	25,357	-2.6	3.7	3.7	6.8	79,571	74,702	6.5
6242	Community food and housing, and emergency and other relief services .....	8,626	8,796	8,162	10,279	7,787	8,433	-1.9	7.8	10.8	4.3	25,584	23,873	7.2
6243	Vocational rehabilitation services .....	3,837	3,963	3,599	3,726	3,722	3,620	-3.2	10.1	3.1	9.5	11,399	10,782	5.7
6244	Child day care services .....	11,105	11,543	11,564	11,351	10,204	10,924	-3.8	-0.2	8.8	5.7	34,212	32,122	6.5
71	Arts, entertainment, and recreation.....	78,068	74,234	65,775	71,822	74,735	69,412	5.2	12.9	4.5	6.9	218,077	204,769	6.5
711	Performing arts, spectator sports, and related industries .....	35,067	31,641	27,656	35,026	34,363	31,023	10.8	14.4	2.0	2.0	94,364	89,866	5.0
7111	Performing arts companies.....	5,113	4,617	4,366	4,847	5,022	4,685	10.7	5.7	1.8	-1.5	14,096	13,676	3.1
7112	Spectator sports.....	12,712	11,446	8,692	13,374	12,150	11,489	11.1	31.7	4.6	-0.4	32,850	31,854	3.1
7113	Promoters of performing arts, sports, and similar events.....	9,427	8,526	6,617	8,023	8,621	7,439	10.6	28.8	9.3	14.6	24,570	21,929	12.0
7114	Agents and managers for artists, athletes, entertainers, and other public figures .....	2,399	2,410	2,579	2,888	2,378	2,315	-0.5	-6.6	0.9	4.1	7,388	6,753	9.4
7115	Independent artists, writers, and performers.....	5,416	4,642	5,402	S	S	5,095	16.7	-14.1	S	-8.9	15,460	S	S
712	Museums, historical sites, and similar institutions.....	4,193	4,193	3,705	3,953	4,536	4,229	Z	13.2	-7.6	-0.9	12,091	12,321	-1.9
713	Amusement, gambling, and recreation industries.....	38,808	38,400	34,414	32,843	35,836	34,160	1.1	11.6	8.3	12.4	111,622	102,582	8.8
7131	Amusement parks and arcades.....	7,229	6,314	4,312	4,923	6,860	5,697	14.5	46.4	5.4	10.8	17,855	16,638	7.3
7132	Gambling industries.....	7,968	8,165	8,028	7,759	7,696	7,699	-2.4	1.7	3.5	6.1	24,161	23,044	4.8
7139	Other amusement and recreation industries.....	23,611	S	S	S	S	S	S	S	S	S	S	S	S
721	Accommodation .....	66,989	65,131	59,137	59,694	64,151	64,467	2.9	10.1	4.4	1.0	191,257	186,102	2.8
7211	Traveler accommodation .....	64,287	62,974	57,516	58,158	61,562	62,403	2.1	9.5	4.4	0.9	184,777	179,926	2.7
7212	RV (recreational vehicle) parks and recreational camps .....	2,250	1,821	1,211	1,110	2,122	1,736	23.6	50.4	6.0	4.9	5,282	4,985	6.0
7213	Rooming and boarding houses .....	452	336	410	426	467	328	34.5	-18.0	-3.2	2.4	1,198	1,191	0.6



**Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted**

 [Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2019 (p)	2Q 2019	1Q 2019	4Q 2018	3Q 2018	2Q 2018	3Q 2019 from 2Q 2019 (p)	2Q 2019 from 1Q 2019	3Q 2019 from 3Q 2018 (p)	2Q 2019 from 2Q 2018	2019 (p)	2018	2019 from 2018 (p)
<b>81</b>	<b>Other services (except public administration) <sup>13</sup></b>	<b>144,136</b>	<b>144,608</b>	<b>142,960</b>	<b>146,850</b>	<b>139,133</b>	<b>133,283</b>	<b>-0.3</b>	<b>1.2</b>	<b>3.6</b>	<b>8.5</b>	<b>431,704</b>	<b>403,429</b>	<b>7.0</b>
811	Repair and maintenance .....	47,824	48,122	44,897	44,265	45,102	46,508	-0.6	7.2	6.0	3.5	140,843	136,926	2.9
8111	Automotive repair and maintenance .....	31,522	31,563	29,313	28,836			-0.1	7.7			92,398		
8112	Electronic and precision equipment repair and maintenance .....	4,620	4,796	4,685	4,463	4,497	4,597	-3.7	2.4	2.7	4.3	14,101	13,531	4.2
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance .....	9,595	9,712	9,080	9,094	9,238	9,618	-1.2	7.0	3.9	1.0	28,387	27,288	4.0
8114	Personal and household goods repair and maintenance .....	2,087		1,819	1,872	1,951	2,105			7.0			5,851	
812	Personal and laundry services.....		30,353				29,596				2.6			
8121	Personal care services.....													
8122	Death care services.....	4,526	4,420	4,776	4,655	4,567	4,492	2.4	-7.5	-0.9	-1.6	13,722	13,898	-1.3
8123	Drycleaning and laundry services.....	7,787	7,911	7,429	7,736	7,582	7,399	-1.6	6.5	2.7	6.9	23,127	22,166	4.3
8129	Other personal services.....													
813	Religious, grantmaking, civic, professional, and similar organizations <sup>14</sup> .....	65,659	66,133	68,313	72,044	64,916	57,179	-0.7	-3.2	1.1	15.7	200,105	179,827	11.3

(p) Preliminary estimate. Z Absolute value is less than .05.

 S Estimate does not meet publication standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see [www.census.gov/quality/guidelines/index.html](http://www.census.gov/quality/guidelines/index.html).

 (1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or [www.census.gov/eos/www/naics/](http://www.census.gov/eos/www/naics/).

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 7, 9, 12, and 13 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(6) Includes NAICS 5174 (Satellite telecommunications), and 5179 (Other telecommunications).

(7) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(8) Excludes NAICS 521 (Monetary authorities-central bank) and NAICS 525 (Funds, trusts, and other financial vehicles).

(9) Excludes NAICS 54112 (Offices of notaries).

(10) Includes all of NAICS 5413 (Architectural, engineering, and related services) except 54133 (Engineering services).

(11) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

(12) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(13) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

(14) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), and 81394 (Political organizations).

 Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html). For NAICS 52, estimates may include unrealized gains (losses).

**Table 2. Selected Services - Estimated Measures of Sampling Variability**  
 [Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2019 (p)	2Q 2019	1Q 2019	4Q 2018	3Q 2018	2Q 2018	3Q 2019 from 2Q 2019 (p)	2Q 2019 from 1Q 2019	3Q 2019 from 3Q 2018 (p)	2Q 2019 from 2Q 2018	2019 (p)	2018	2019 from 2018 (p)
	<b>Selected Services Total .....</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0.9</b>	<b>0.9</b>	<b>0.8</b>	<b>0.1</b>	<b>0.2</b>	<b>0.3</b>	<b>0.3</b>	<b>1.0</b>	<b>0.8</b>	<b>0.3</b>
<b>22</b>	<b>Utilities .....</b>	<b>3.0</b>	<b>2.6</b>	<b>2.1</b>	<b>2.2</b>	<b>3.1</b>	<b>2.8</b>	<b>1.2</b>	<b>0.8</b>	<b>0.5</b>	<b>0.4</b>	<b>2.5</b>	<b>2.5</b>	<b>0.3</b>
2211	Electric power generation, transmission and distribution .....	3.3	3.2	3.2	3.0	3.6	3.4	1.6	0.9	0.5	0.5	3.2	3.2	0.3
2212	Natural gas distribution .....	6.1	6.3	4.6	5.1	8.0	6.8	1.2	1.1	1.9	0.7	5.2	5.9	0.7
2213	Water, sewage and other systems .....	5.0	6.0	5.6	4.8	5.4	5.2	4.3	1.1	2.1	1.8	5.2	5.0	0.9
<b>48-49</b>	<b>Transportation and warehousing .....</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.4</b>	<b>1.5</b>	<b>1.6</b>	<b>0.3</b>	<b>0.3</b>	<b>0.5</b>	<b>0.6</b>	<b>1.5</b>	<b>1.6</b>	<b>0.5</b>
481	Air transportation .....	1.7	1.9	2.1	2.1	1.8	2.0	0.6	0.6	0.5	0.6	1.8	1.8	0.3
483	Water transportation .....	7.9	8.0	7.6	8.2	8.1	8.4	1.4	0.9	0.5	0.5	7.8	8.2	0.5
4831	Deep sea, coastal, and Great Lakes water transportation.....	9.0	9.5	9.1	10.0	9.4	10.0	1.8	0.9	0.5	0.5	9.2	9.6	0.6
4832	Inland water transportation.....	3.9	4.2	4.0	3.7	4.1	3.6	2.4	1.0	1.1	1.5	3.9	3.8	0.6
484	Truck transportation .....	2.0	1.5	1.5	2.0	2.1	1.9	0.6	1.2	1.8	1.5	1.6	2.2	1.5
4841	General freight trucking .....	3.0	2.6	2.8	3.3	3.2	3.3	0.9	1.2	2.4	2.3	2.7	3.4	2.2
48412	General freight trucking, long-distance .....	3.8	3.6	3.8	4.6	4.3	4.2	0.9	1.2	2.4	2.8	3.7	4.1	2.4
4842	Specialized freight trucking .....	2.4	2.6	1.6	1.9	1.4	S	1.2	1.8	1.9	S	2.0	S	S
485	Transit and ground passenger transportation .....	4.7	4.9	4.9	4.6	5.4	4.5	1.0	1.0	2.7	2.5	4.8	4.6	2.0
486	Pipeline transportation .....	1.2	1.1	1.3	1.1	1.2	1.3	0.2	0.2	0.3	0.3	1.2	1.3	0.2
487	Scenic and sightseeing transportation .....	7.2	9.0	9.5	6.5	7.2	6.6	6.4	8.7	5.5	6.2	7.8	7.4	5.3
488	Support activities for transportation .....	3.6	3.7	3.6	3.5	3.3	3.7	1.0	0.3	0.7	1.0	3.6	3.5	0.5
492	Couriers and messengers .....	3.8	3.3	3.2	3.5	3.6	3.6	0.6	0.1	0.7	0.6	3.4	3.4	0.6
493	Warehousing and storage .....	5.8	5.9	5.1	5.4	4.7	5.7	1.2	1.5	1.6	2.6	5.6	5.2	1.9
<b>51</b>	<b>Information .....</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.5</b>	<b>1.5</b>	<b>0.3</b>	<b>0.2</b>	<b>0.7</b>	<b>0.6</b>	<b>1.4</b>	<b>1.5</b>	<b>0.5</b>
511	Publishing industries (except Internet) .....	2.9	3.2	3.2	2.7	3.6	3.1	1.3	0.9	3.2	1.7	3.0	3.2	1.8
51111	Newspaper publishers .....	5.2	5.0	5.0	5.0	5.0	4.6	0.5	1.1	0.7	1.6	5.1	4.7	0.8
51112	Periodical publishers .....	5.1	4.3	4.5	4.2	4.9	5.3	1.8	1.0	2.9	2.3	4.5	5.0	2.0
5111 pt	Book, directory and mailing list, and other publishers .....	3.4	3.9	4.0	4.3	3.6	3.7	1.3	0.6	0.5	0.6	3.7	3.4	0.4
5112	Software publishers .....	3.5	3.6	3.6	3.0	4.2	3.6	1.7	1.1	4.4	2.4	3.4	3.7	2.5
512	Motion picture and sound recording industries .....	1.9	2.2	1.5	1.4	1.2	1.1	0.6	1.9	1.4	1.8	1.7	1.0	1.1
515	Broadcasting (except Internet) .....	1.0	1.0	0.8	1.0	1.0	1.0	0.4	0.2	0.5	0.7	0.9	0.9	0.4
5151	Radio and television broadcasting .....	2.0	2.0	1.9	2.1	2.2	1.8	0.4	0.4	0.7	1.4	1.9	1.8	0.9
5152	Cable and other subscription programming .....	1.7	1.1	1.2	1.1	1.2	1.2	0.5	0.3	0.5	0.2	1.3	1.2	0.2
517	Telecommunications .....	1.2	1.2	1.2	1.2	1.2	1.3	0.1	0.1	0.2	0.3	1.2	1.3	0.3
5171	Wired telecommunications carriers .....	2.0	2.0	2.0	1.9	1.9	2.0	0.2	0.1	0.3	0.3	2.0	2.0	0.4
5172	Wireless telecommunications carriers (except satellite) .....	2.5	2.5	2.4	2.2	2.3	2.4	0.2	0.2	0.2	0.7	2.4	2.4	0.5
517 pt	Other telecommunications .....	4.3	4.3	4.1	4.1	4.4	4.2	0.3	0.4	0.8	0.7	4.2	4.2	0.6
518	Data processing, hosting, and related services .....	3.1	3.0	3.4	2.9	3.1	3.1	0.2	0.6	0.6	0.7	3.1	3.2	0.6
519	Other information services.....	4.5	4.4	4.2	4.1	4.3	4.1	0.7	0.6	1.9	1.4	4.4	4.3	1.3
<b>52</b>	<b>Finance and insurance .....</b>	<b>2.2</b>	<b>2.2</b>	<b>2.3</b>	<b>2.1</b>	<b>2.0</b>	<b>2.1</b>	<b>0.2</b>	<b>0.3</b>	<b>0.8</b>	<b>0.8</b>	<b>2.2</b>	<b>2.0</b>	<b>0.7</b>
52 pt	Finance and insurance (except monetary authorities-central bank) .....	2.3	2.2	2.3	2.2	2.1	2.2	0.2	0.3	0.8	0.8	2.3	2.1	0.7
521	Monetary authorities-central bank.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
522	Credit intermediation and related activities.....	2.6	2.6	2.5	2.3	2.1	1.9	0.7	0.4	1.1	1.5	2.6	2.0	1.0
5221	Depository credit intermediation.....	4.2	3.9	3.8	3.9	3.4	3.3	1.1	0.8	1.3	1.9	3.9	3.2	1.2
5222	Nondepository credit intermediation.....	4.5	4.4	4.2	3.8	3.7	3.4	0.6	0.4	1.7	1.6	4.3	3.4	1.5
5223	Activities related to credit intermediation.....	2.6	2.8	2.8	2.5	2.9	2.8	0.5	0.6	1.1	1.2	2.7	2.8	1.1
523	Securities, commodity contracts, and other financial investments and related activities .....	4.5	4.7	5.4	4.4	4.7	4.7	0.8	0.7	1.2	0.7	4.9	4.6	1.0
5231	Securities and commodity contracts intermediation and brokerage .....	10.3	10.7	10.8	10.0	10.1	10.2	1.9	0.5	2.0	0.9	10.6	9.7	1.8
5232	Securities and commodity exchanges .....	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
5239	Other financial investment activities .....	2.0	2.1	2.6	3.2	2.0	2.5	0.2	1.1	1.3	1.1	2.2	2.5	1.1
524	Insurance carriers and related activities .....	2.8	2.9	2.9	2.8	2.7	2.6	0.2	0.4	0.9	0.9	2.9	2.6	0.8
5241	Insurance carriers .....	3.4	3.4	3.4	3.3	3.1	3.1	0.2	0.5	1.1	1.1	3.4	3.1	1.0
5242	Agencies, brokerages, and other insurance related activities .....	2.6	2.5	2.8	2.5	2.7	2.7	1.6	1.0	1.2	1.0	2.6	2.7	0.8
<b>53</b>	<b>Real estate and rental and leasing .....</b>	<b>1.3</b>	<b>1.5</b>	<b>1.3</b>	<b>1.3</b>	<b>1.2</b>	<b>1.3</b>	<b>0.6</b>	<b>0.7</b>	<b>0.5</b>	<b>0.8</b>	<b>1.3</b>	<b>1.0</b>	<b>0.7</b>
531	Real estate .....	0.9	1.1	1.0	1.4	1.2	1.4	0.6	0.7	0.5	0.7	0.9	1.2	0.6
5311	Lessors of real estate.....	0.9	1.2	1.5	2.0	1.9	2.0	0.6	1.1	1.3	1.4	1.1	1.9	1.2
5312	Offices of real estate agents and brokers.....	3.2	3.5	2.9	3.7	3.2	3.6	1.4	1.1	2.5	1.7	3.2	3.2	1.9
5313	Activities related to real estate.....	2.9	2.8	2.7	S	S	2.1	1.2	1.5	S	1.9	2.7	S	S
532	Rental and leasing services .....	3.8	3.9	3.5	3.9	3.9	3.3	0.5	0.8	1.6	1.8	3.7	3.3	1.5
5321	Automotive equipment rental and leasing .....	1.5	1.6	1.6	1.8	1.9	2.0	0.2	0.3	0.7	0.7	1.6	2.0	0.6
53211	Passenger car rental and leasing.....	3.1	3.5	3.4	3.4	3.5	3.7	0.4	0.2	0.7	0.8	3.3	3.7	0.8
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing .....	3.5	3.8	4.0	4.6	3.8	3.5	0.4	0.8	1.2	0.9	3.7	3.7	0.6
5322	Consumer goods rental .....	8.7	8.8	6.9	6.7	5.9	5.0	3.5	3.4	6.0	7.7	8.0	6.1	5.8
5323	General rental centers.....	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing .....	7.7	7.9	7.7	9.0	9.4	8.2	0.6	1.0	3.1	1.8	7.8	8.3	1.8
533	Lessors of nonfinancial intangible assets (except copyrighted works) .....	6.5	5.7	4.8	5.0	5.4	5.8	2.4	3.0	1.8	1.9	5.6	5.2	1.5

**Table 2. Selected Services - Estimated Measures of Sampling Variability**  
 [Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
		3Q 2019 (p)	2Q 2019	1Q 2019	4Q 2018	3Q 2018	2Q 2018	3Q 2019 from 2Q 2019 (p)	2Q 2019 from 1Q 2019	3Q 2019 from 3Q 2018 (p)	2Q 2019 from 2Q 2018	Coefficient of variation		Standard error  from 2018 (p)
												2019 (p)	2018	
<b>54</b>	<b>Professional, scientific, and technical services .....</b>	<b>2.5</b>	<b>2.2</b>	<b>2.2</b>	<b>2.3</b>	<b>2.5</b>	<b>2.1</b>	<b>0.5</b>	<b>0.7</b>	<b>0.6</b>	<b>0.5</b>	<b>2.3</b>	<b>2.1</b>	<b>0.4</b>
5411	Legal services .....	3.5	3.1	3.7	4.0	3.9	4.0	2.4	2.4	3.3	1.9	3.0	3.6	1.7
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	3.0	3.1	2.4	3.4	2.2	2.7	1.1	1.9	1.3	1.5	2.6	1.9	1.7
5413	Architectural, engineering, and related services .....	4.7	4.1	3.0	3.6	4.0	3.0	1.2	1.6	1.9	2.4	3.9	3.3	1.6
5413 pt	Architectural and related services .....	7.1	6.3	6.5	6.7	6.2	5.5	2.8	2.0	5.1	2.7	6.5	5.0	2.5
54133	Engineering services .....	5.1	4.2	3.5	3.8	3.9	3.4	1.8	2.0	3.0	2.6	4.2	3.5	1.8
5414	Specialized design services.....	6.5	7.3	5.9	6.1	5.3	5	3.8	4.4	4.3	5	6.2	5	5
5415	Computer systems design and related services .....	3.2	3.2	2.9	3.5	3.2	2.7	0.5	0.9	1.3	1.4	3.0	2.4	1.1
5416	Management, scientific, and technical consulting services .....	4.1	3.8	3.5	3.9	3.8	4.0	1.0	1.1	1.6	1.6	3.8	3.9	1.3
5417	Scientific research and development services .....	9.4	8.3	8.3	8.0	8.9	8.5	1.1	1.0	3.0	2.9	8.7	8.5	3.0
5418	Advertising, public relations, and related services .....	3.1	2.7	2.2	2.3	2.1	2.2	0.8	0.7	1.5	1.3	2.6	2.1	1.3
5419	Other professional, scientific, and technical services.....	5	6.3	6.6	5	5	4.5	5	3.9	5	3.8	5	5	5
<b>56</b>	<b>Administrative and support and waste management and remediation services .....</b>	<b>2.6</b>	<b>2.9</b>	<b>3.1</b>	<b>3.4</b>	<b>3.0</b>	<b>2.6</b>	<b>0.5</b>	<b>1.3</b>	<b>1.1</b>	<b>0.8</b>	<b>2.8</b>	<b>2.8</b>	<b>0.7</b>
561	Administrative and support services .....	3.0	3.4	3.5	3.9	3.4	3.0	0.6	1.5	1.0	1.0	3.2	3.1	0.8
5613	Employment services .....	5.5	5.7	7.0	6.8	6.6	5.6	1.3	1.6	2.4	1.4	6.0	5.8	1.6
5615	Travel arrangement and reservation services .....	4.8	4.4	4.0	3.7	4.0	4.5	1.8	2.9	1.5	2.4	4.3	4.6	1.5
561 pt	Other administrative and support services .....	3.2	3.7	2.7	5	2.9	2.8	1.3	1.8	1.3	1.3	3.1	2.8	1.2
562	Waste management and remediation services .....	3.7	2.8	3.4	3.9	2.1	2.3	1.4	0.8	2.0	1.3	3.3	2.3	1.3
<b>61</b>	<b>Educational services .....</b>	<b>4.4</b>	<b>3.7</b>	<b>3.8</b>	<b>4.5</b>	<b>4.1</b>	<b>3.3</b>	<b>2.1</b>	<b>1.7</b>	<b>1.5</b>	<b>1.1</b>	<b>3.8</b>	<b>3.4</b>	<b>1.0</b>
6114	Business schools and computer and management training .....	6.8	6.7	6.6	7.2	6.9	6.5	3.4	2.7	3.1	3.4	6.5	6.6	2.2
6115	Technical and trade schools .....	6.7	6.4	6.5	6.6	5.5	6.4	2.1	1.4	3.9	4.8	6.4	6.0	3.2
6116	Other schools and instruction.....	9.9	8.1	8.1	8.4	7.9	7.0	4.6	2.9	3.4	2.4	8.4	7.0	2.7
6117	Educational support services .....	3.4	4.0	4.8	4.5	7.2	4.0	1.2	2.5	4.5	1.1	3.9	4.5	1.6
<b>62</b>	<b>Health care and social assistance .....</b>	<b>1.7</b>	<b>1.7</b>	<b>1.7</b>	<b>1.8</b>	<b>1.6</b>	<b>1.7</b>	<b>0.3</b>	<b>0.1</b>	<b>0.4</b>	<b>0.5</b>	<b>1.7</b>	<b>1.6</b>	<b>0.4</b>
621	Ambulatory health care services .....	1.5	1.4	1.7	1.8	1.6	1.7	0.4	0.4	0.8	0.9	1.5	1.7	0.8
6211	Offices of physicians.....	3.2	3.0	3.3	3.2	2.7	2.8	0.7	0.7	1.8	1.5	3.1	2.7	1.5
6212	Offices of dentists.....	5	3.8	5	5	5	3.8	5	5	5	2.5	5	5	5
6213	Offices of other health practitioners .....	5	5.6	5.2	4.8	5	4.9	5	1.2	5	1.6	5	5	5
6214	Outpatient care centers .....	2.9	2.7	2.8	2.8	2.3	2.8	0.6	0.5	1.2	1.3	2.8	2.6	1.2
6215	Medical and diagnostic laboratories .....	4.2	4.3	4.4	4.7	4.4	4.5	0.5	0.9	1.0	1.4	4.2	4.3	1.0
6216	Home health care services .....	5.8	6.1	6.0	5.9	6.2	5.9	0.9	0.6	0.9	0.8	5.9	6.0	0.7
6219	Other ambulatory health care services .....	3.7	3.9	3.8	3.7	4.4	4.2	0.4	0.7	1.1	0.6	3.7	4.3	0.8
622	Hospitals .....	2.6	2.8	2.5	2.7	2.7	2.6	0.5	0.4	0.7	0.7	2.6	2.7	0.6
6221	General medical and surgical hospitals.....	2.5	2.8	2.4	2.7	2.7	2.6	0.5	0.5	0.8	0.7	2.5	2.6	0.6
6222	Psychiatric and substance abuse hospitals.....	5.5	6.0	5.1	5.1	5.1	5.6	1.0	1.2	1.2	1.6	5.5	5.3	1.7
6223	Specialty (except psychiatric and substance abuse) hospitals.....	7.5	8.3	8.4	7.9	7.1	6.8	0.7	0.3	0.6	1.5	8.1	6.8	1.2
623	Nursing and residential care facilities .....	2.7	2.3	2.5	2.5	2.3	2.1	0.8	0.4	1.4	0.8	2.5	2.3	1.0
624	Social assistance .....	3.7	3.8	3.3	3.5	3.0	2.1	0.9	1.2	1.1	2.1	3.5	2.5	1.2
6241	Individual and family services.....	6.4	6.1	6.0	5.7	5.0	4.0	1.2	1.5	1.9	2.5	6.1	4.6	1.9
6242	Community food and housing, and emergency and other relief services .....	7.1	7.0	4.8	6.4	6.1	6.2	2.8	4.2	2.4	4.4	6.1	5.5	1.6
6243	Vocational rehabilitation services .....	11.9	10.1	11.9	12.2	11.2	10.4	2.0	2.4	3.0	3.3	11.2	10.6	2.8
6244	Child day care services .....	6.8	6.1	6.4	6.3	5.3	5.7	1.7	2.1	3.2	2.5	6.3	5.6	2.4
<b>71</b>	<b>Arts, entertainment, and recreation.....</b>	<b>2.6</b>	<b>2.3</b>	<b>3.0</b>	<b>2.5</b>	<b>2.6</b>	<b>2.5</b>	<b>1.0</b>	<b>2.3</b>	<b>1.4</b>	<b>1.2</b>	<b>2.4</b>	<b>2.5</b>	<b>0.8</b>
711	Performing arts, spectator sports, and related industries .....	2.7	3.3	6.6	3.4	2.5	4.5	2.5	5.6	3.2	2.1	3.0	3.4	1.2
7111	Performing arts companies.....	5.7	4.2	4.0	3.1	4.7	3.6	4.3	2.8	8.2	4.5	4.2	3.0	4.8
7112	Spectator sports.....	4.0	4.4	14.2	5.9	3.5	9.3	3.3	14.8	1.5	4.8	4.9	6.4	2.8
7113	Promoters of performing arts, sports, and similar events.....	5.9	6.2	5.8	5.5	4.7	6.8	2.7	4.6	3.3	3.3	5.7	5.7	2.3
7114	Agents and managers for artists, athletes, entertainers, and other public figures .....	3.3	6.5	13.9	10.0	5.2	4.4	4.3	7.7	2.8	3.6	7.3	5.8	1.9
7115	Independent artists, writers, and performers.....	10.4	15.1	10.1	5	5	11.1	12.0	5.8	5	7.8	10.8	5	5
712	Museums, historical sites, and similar institutions.....	4.4	3.9	5.9	5.8	5.9	4.1	2.8	5.1	2.6	2.6	4.0	5.0	2.2
713	Amusement, gambling, and recreation industries.....	3.7	3.9	5.4	4.8	4.7	4.7	0.7	2.2	1.7	2.6	4.3	4.9	1.9
7131	Amusement parks and arcades.....	6.0	5.2	5.2	4.0	6.1	5.9	2.9	3.6	1.5	2.3	5.3	5.3	1.3
7132	Gambling industries.....	12.7	14.0	15.1	13.7	13.9	14.0	1.1	2.0	1.4	1.1	13.9	14.5	1.1
7139	Other amusement and recreation industries.....	4.5	5	5	5	5	5	5	5	5	5	5	5	5
<b>721</b>	<b>Accommodation .....</b>	<b>1.5</b>	<b>1.3</b>	<b>2.0</b>	<b>1.3</b>	<b>1.2</b>	<b>1.1</b>	<b>1.0</b>	<b>1.0</b>	<b>1.1</b>	<b>1.3</b>	<b>1.4</b>	<b>1.1</b>	<b>1.1</b>
7211	Traveler accommodation .....	1.5	1.3	2.1	1.3	1.3	1.1	1.1	1.0	1.2	1.4	1.5	1.1	1.2
7212	RV (recreational vehicle) parks and recreational camps .....	4.4	3.8	4.0	6.1	6.5	4.6	2.9	7.0	5.2	4.0	3.4	4.6	3.4
7213	Rooming and boarding houses .....	4.4	5.3	5.4	6.7	2.8	5.8	5.5	2.0	3.8	5.9	4.4	4.5	4.3

**Table 2. Selected Services - Estimated Measures of Sampling Variability**

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2019 (p)	2Q 2019	1Q 2019	4Q 2018	3Q 2018	2Q 2018	3Q 2019 from 2Q 2019 (p)	2Q 2019 from 1Q 2019	3Q 2019 from 3Q 2018 (p)	2Q 2019 from 2Q 2018	2019 (p)	2018	2019 from 2018 (p)
<b>81</b>	<b>Other services (except public administration) .....</b>	<b>1.5</b>	<b>1.8</b>	<b>2.6</b>	<b>2.2</b>	<b>2.0</b>	<b>2.2</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.7</b>	<b>1.7</b>	<b>2.5</b>	<b>1.2</b>
811	Repair and maintenance .....	2.1	2.2	1.9	2.2	2.8	3.7	0.9	1.5	2.5	3.2	1.9	3.3	2.5
8111	Automotive repair and maintenance .....	5.7	5.9	5.1	4.7	S	S	1.6	3.0	S	S	5.4	S	S
8112	Electronic and precision equipment repair and maintenance .....	4.5	4.2	3.5	3.8	3.0	4.2	1.0	1.6	2.6	2.1	3.9	3.7	1.4
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance .....	10.3	9.7	9.9	10.6	9.5	10.5	1.5	1.0	2.8	2.2	10.0	9.9	3.0
8114	Personal and household goods repair and maintenance .....	9.0	S	8.8	9.5	9.8	9.4	S	S	6.9	S	S	8.9	S
812	Personal and laundry services.....	S	3.8	S	S	S	3.1	S	S	S	1.3	S	S	S
8121	Personal care services.....	S	S	S	S	S	S	S	S	S	S	S	S	S
8122	Death care services.....	4.8	4.9	3.8	5.9	4.4	4.1	3.0	3.5	4.4	2.9	4.1	4.3	3.0
8123	Drycleaning and laundry services.....	5.2	5.1	5.6	6.5	5.9	6.0	0.6	2.2	2.8	3.4	5.2	5.8	2.7
8129	Other personal services.....	S	S	S	S	S	S	S	S	S	S	S	S	S
813	Religious, grantmaking, civic, professional, and similar organizations .....	4.6	4.5	5.8	4.4	3.8	3.2	3.8	3.6	3.6	3.6	4.6	4.4	2.0

(p) Preliminary estimate. Z Absolute value is less than .05.

S Corresponding estimate in Table 1a and/or 1b does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html).

## EXPLANATORY NOTES

### Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 19,500 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2012 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	27
22	Utilities	8
48-49	Transportation and warehousing	24
51	Information	21
52	Finance and insurance	15
53	Real estate and rental and leasing	41
54	Professional, scientific, and technical services	39
56	Administrative and support and waste management and remediation services	39
61	Educational services	42
62	Health care and social assistance	35
71	Arts, entertainment, and recreation	38
721	Accommodation	33
81	Other services (except public administration)	42

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found

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on the Census Bureau website at [www.census.gov/services/](http://www.census.gov/services/).

### Description of Seasonal Adjustment

To derive the seasonally adjusted revenue estimates published in this report, we used all available quarterly revenue estimates as input to the Census Bureau's X-13 ARIMA-SEATS program. With each non-advance quarterly release, we publish preliminary seasonally adjusted estimates for the current quarter and revised seasonally adjusted estimates for the previous five quarters. The seasonal adjustment models used to derive seasonal factors for each kind of business are evaluated annually and will not be revised until the next benchmarking operation. For a table of the seasonal adjustment factors, see [www.census.gov/services/qss/qssseasfactors.xls](http://www.census.gov/services/qss/qssseasfactors.xls). A list of "Frequently Asked Questions" on seasonal adjustment of QSS estimates is available at [www.census.gov/services/qss/seasonally\\_adjusted\\_faqs](http://www.census.gov/services/qss/seasonally_adjusted_faqs).

### Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation. The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Table 2 of this report.

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The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the “margin of error.” The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is  $\pm 1.5$  percentage points, then the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.

Additional information regarding the methodology used in conducting this survey is available at [www.census.gov/services/qss/how\\_the\\_data\\_are\\_collected](http://www.census.gov/services/qss/how_the_data_are_collected).

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